# Refine Search

**Search Results -**

| Terms | Documents |
|---|---|
| L8 and L7 | 1 |

**Database:**
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

**Search:** L9

Refine Search

Recall Text Clear Interrupt

## Search History

**DATE: Tuesday, July 03, 2007** Purge Queries Printable Copy Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
|---|---|---|---|
| *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ* | | | |
| L9 | L8 and l7 | 1 | L9 |
| L8 | ondansetron hydrochloride.ti. | 24 | L8 |
| L7 | L6 and (548/$ or 514/$) | 48 | L7 |
| L6 | L5 and (ethanol or ketone or xylene or isopropanol or ether ) | 71 | L6 |
| L5 | L4 and anhydro$9 | 83 | L5 |
| L4 | ondansetron hydrochloride | 329 | L4 |
| *DB=PGPB; PLUR=YES; OP=ADJ* | | | |
| L3 | 20050131045 or 20040019093 | 2 | L3 |
| L2 | 2005131045 or 2004019093 | 0 | L2 |
| L1 | 20020107275 | 1 | L1 |

END OF SEARCH HISTORY

# Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

**Search Results** - Record(s) 1 through 10 of 24 returned.

☐ 1. Document ID: US 20050261351 A1

L8: Entry 1 of 24 File: PGPB Nov 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050261351
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050261351 A1

TITLE: Process for preparing ondansetron hydrochloride dihydrate having a defined particle size

PUBLICATION-DATE: November 24, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Gutman, Daniella | Rishon Lezion | | IL |
| Cyjon, Rosa | Haifa | | IL |

US-CL-CURRENT: 514/397; 548/312.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 2. Document ID: US 20020115707 A1

L8: Entry 2 of 24 File: PGPB Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115707
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115707 A1

TITLE: Process for preparing pure ondansetron hydrochloride dihydrate

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Lidor-Hadas, Rami | Kfar Saba | | IL |
| Bachar, Eliezer | Tel Aviv | | IL |

US-CL-CURRENT: 514/411; 548/440

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 3. Document ID: US 20020107275 A1

L8: Entry 3 of 24 File: PGPB Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107275
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020107275 A1

TITLE: Novel crystal and solvate forms of ondansetron hydrochloride and processes for their preparation

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Lidor-Hadas, Ramy | Kfar Saba | | IL |
| Aronhime, Judith | Rehovot | | IL |
| Lifshitz, Revital | Herzlia | | IL |
| Weizel, Shlomit | Petah Tikva | | IL |
| Niddam, Valerie | Even-Yeouda | | IL |
| Maymon, Asher | Petach Tikva | | IL |

US-CL-CURRENT: 514/397; 548/311.4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 4. Document ID: US 5622720 A

L8: Entry 4 of 24 File: USPT Apr 22, 1997

US-PAT-NO: 5622720
DOCUMENT-IDENTIFIER: US 5622720 A

TITLE: Process for reducing the crystal size of ondansetron hydrochloride dihydrate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 5. Document ID: WO 2005108392 A2

L8: Entry 5 of 24 File: EPAB Nov 17, 2005

PUB-NO: WO2005108392A2
DOCUMENT-IDENTIFIER: WO 2005108392 A2
TITLE: PROCESS FOR PREPARING ONDANSETRON HYDROCHLORIDE DIHYDRATE HAVING A DEFINED PARTICLE SIZE

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 6. Document ID: WO 2004035567 A1

L8: Entry 6 of 24 File: EPAB Apr 29, 2004

PUB-NO: WO2004035567A1
DOCUMENT-IDENTIFIER: WO 2004035567 A1
TITLE: HIGH PURITY ONDANSETRON HYDROCHLORIDE DIHYDRATE AND PROCESS FOR ITS SYNTHESIS

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWIC | Draw De

☐ 7. Document ID: EP 1250925 A2

L8: Entry 7 of 24 File: EPAB Oct 23, 2002

PUB-NO: EP001250925A2
DOCUMENT-IDENTIFIER: EP 1250925 A2
TITLE: Nasal spray containing ondansetron hydrochloride

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWIC | Draw De

☐ 8. Document ID: WO 2055492 A2

L8: Entry 8 of 24 File: EPAB Jul 18, 2002

PUB-NO: WO002055492A2
DOCUMENT-IDENTIFIER: WO 2055492 A2
TITLE: AN IMPROVED PROCESS FOR PREPARING PURE ONDANSETRON HYDROCHLORIDE DIHYDRATE

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWIC | Draw De

☐ 9. Document ID: EP 415522 A1

L8: Entry 9 of 24 File: EPAB Mar 6, 1991

PUB-NO: EP000415522A1
DOCUMENT-IDENTIFIER: EP 415522 A1
TITLE: Process for reducing the crystal size of ondansetron hydrochloride dihydrate.

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWIC | Draw De

☐ 10. Document ID: CN 1833641 A

L8: Entry 10 of 24 File: DWPI Sep 20, 2006

DERWENT-ACC-NO: 2007-084463
DERWENT-WEEK: 200715

TITLE: Preparation and technique of ondansetron hydrochloride oral liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

| Terms | Documents |
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**Search Results** - Record(s) 11 through 20 of 24 returned.

☐ 11. Document ID: IN 200401421 I3

L8: Entry 11 of 24 File: DWPI Oct 14, 2005

DERWENT-ACC-NO: 2006-296417
DERWENT-WEEK: 200631


TITLE: A novel nasal drug delivery system of ondansetron hydrochloride

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

☐ 12. Document ID: WO 2005108392 A2, US 20050261351 A1

L8: Entry 12 of 24 File: DWPI Nov 17, 2005

DERWENT-ACC-NO: 2005-779470
DERWENT-WEEK: 200579


TITLE: Preparation of ondansetron hydrochloride dihydrate particles of defined particle size useful to treat nausea involves adding solution of ondansetron hydrochloride and water into precipitation medium of lower alcohol at specific temperature

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

☐ 13. Document ID: IN 200301142 I3

L8: Entry 13 of 24 File: DWPI Jun 10, 2005

DERWENT-ACC-NO: 2006-013153
DERWENT-WEEK: 200602


TITLE: Method for preparation of mouth dispersible tablet of active pharmaceutical substance ondansetron hydrochloride with betacyclodex

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

☐ 14. Document ID: IN 200300393 I3

L8: Entry 14 of 24 File: DWPI Feb 11, 2005

DERWENT-ACC-NO: 2005-470510
DERWENT-WEEK: 200548


TITLE: Novel oral dispersible tablet of ondansetron hydrochloride dihydrate and tablet preparation by granulation and lubrication

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 15. Document ID: CN 1555795 A

L8: Entry 15 of 24 File: DWPI Dec 22, 2004

DERWENT-ACC-NO: 2005-233889
DERWENT-WEEK: 200647


TITLE: Ondansetron hydrochloride freeze dried powder ampoule for injection and its preparation method

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 16. Document ID: AU 2003276488 A1, WO 2004035567 A1, HU 200203547 A2

L8: Entry 16 of 24 File: DWPI May 4, 2004

DERWENT-ACC-NO: 2004-357180
DERWENT-WEEK: 200467


TITLE: New ondansetron hydrochloride dihydrate containing specific amount of impurities, used as antiemetic agent

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 17. Document ID: CN 1433759 A

L8: Entry 17 of 24 File: DWPI Aug 6, 2003

DERWENT-ACC-NO: 2004-072333
DERWENT-WEEK: 200408


TITLE: Slow-release composition of ondansetron hydrochloride, useful for curing vomiting due to chemotherapy or radiotherapy

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 18. Document ID: DE 60204620 T2, EP 1250925 A2, JP 2002356424 A, KR 2002082401 A, US 20030044356 A1, KR 434390 B, EP 1250925 B1, DE 60204620 E, ES 2244726 T3

L8: Entry 18 of 24 File: DWPI May 11, 2006

DERWENT-ACC-NO: 2003-185814
DERWENT-WEEK: 200635


TITLE: Composition useful as nasal spray in treatment of nausea and vomiting, comprising ondansetron hydrochloride, and nasal administration base material containing water, polyethylene glycol, benzalkonium chloride and solubilizer

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 19. Document ID: US 20020115707 A1

L8: Entry 19 of 24 File: DWPI Aug 22, 2002

DERWENT-ACC-NO: 2003-090213
DERWENT-WEEK: 200308


TITLE: Preparation of high purity ondansetron hydrochloride dihydrate, useful e.g. as an antiemetic, comprises acidifying a solution of ondansetron base to form a precipitate, then washing and crystallizing

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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☐ 20. Document ID: HU 200401239 A2, WO 200236558 A2, AU 200230935 A, US 20020107275 A1, NO 200301928 A, KR 2003042038 A, EP 1339707 A2, CZ 200301397 A3, SK 200300618 A3, MX 2003003761 A1, ES 2204358 T1, CN 1498216 A, JP 2004525083 W, ZA 200303000 A

L8: Entry 20 of 24 File: DWPI Dec 28, 2004

DERWENT-ACC-NO: 2002-599288
DERWENT-WEEK: 200506


TITLE: New ondansetron hydrochloride crystalline polymorphic forms useful in a pharmaceutical composition for treating nausea and/or vomiting

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. D

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

| Terms | Documents |
|---|---|
| ondansetron hydrochloride.ti. | 24 |

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**Search Results** - Record(s) 21 through 24 of 24 returned.

☐ 21. Document ID: RU 2162695 C1

L8: Entry 21 of 24 File: DWPI Feb 10, 2001

DERWENT-ACC-NO: 2001-242993
DERWENT-WEEK: 200125


TITLE: Preparation of ondansetron hydrochloride dihydrate, substance and pharmaceutical preparation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 22. Document ID: KR 99000993 A

L8: Entry 22 of 24 File: DWPI Jan 15, 1999

DERWENT-ACC-NO: 2000-114275
DERWENT-WEEK: 200010


TITLE: Method for reducing fineness of ondansetron hydrochloride dihydrate by spray drying - NoAbstract

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 23. Document ID: US 5756514 A

L8: Entry 23 of 24 File: DWPI May 26, 1998

DERWENT-ACC-NO: 1998-321584
DERWENT-WEEK: 199828


TITLE: Use of a serotonin type 3 antagonist e.g. ondansetron hydrochloride - for the treatment and prevention of drug induced pruritus e.g. opioid- induced pruritis

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 24. Document ID: AU 9057874 A, KR 182789 B1, HU 54140 T, EP 415522 A, CA

2019944 A, JP 03095178 A, ZA 9005002 A, NZ 234267 A, AU 637110 B, HU 208009 B, RU 2002745 C1, EP 415522 B1, US 5344658 A, DE 69011786 E, ES 2060045 T3, IL 94888 A, SG 9401693 A, IE 64715 B, US 5622720 A, CA 2019944 C, JP 3093242 B2

L8: Entry 24 of 24 File: DWPI Jan 3, 1991

DERWENT-ACC-NO: 1991-051497
DERWENT-WEEK: 200108


TITLE: Redn. of crystal size of ondansetron hydrochloride di:hydrate - by de-solvation followed by rehydration of prod.



Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

| Terms | Documents |
|---|---|
| ondansetron hydrochloride.ti. | 24 |

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```
=> s 99614-01-4
L1            1 99614-01-4
                (99614-01-4/RN)

=> d

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   99614-01-4  REGISTRY
ED   Entered STN:  04 Jan 1986
CN   4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-
     yl)methyl]-, hydrochloride (1:1)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-
     yl)methyl]-, monohydrochloride (9CI)
OTHER NAMES:
CN   1,2,3,4-Tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-9H-
     carbazol-4-one hydrochloride
CN   GR 38032F
CN   NSC 665799
CN   Ondansetron hydrochloride
CN   SN 307
DR   110204-46-1, 110707-92-1
MF   C18 H19 N3 O . Cl H
CI   COM
SR   CA
LC   STN Files:   ADISINSIGHT, ADISNEWS, ANABSTR, BIOSIS, BIOTECHNO, CA,
       CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, EMBASE, IMSPATENTS,
       IMSRESEARCH, MRCK*, PHAR, PROMT, PS, RTECS*, TOXCENTER, USPAT2,
       USPATFULL
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CRN  (99614-02-5)
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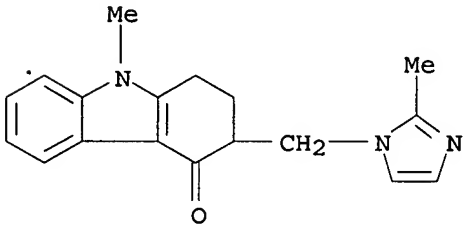


● HCl

```
  249 REFERENCES IN FILE CA (1907 TO DATE)
  252 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                               2.40       3.08

FILE 'CAPLUS' ENTERED AT 16:42:23 ON 03 JUL 2007
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FILE COVERS 1907 - 3 Jul 2007 VOL 147 ISS 2
FILE LAST UPDATED: 2 Jul 2007 (20070702/ED)



```
=> s 99614-01-4/prep
           252 99614-01-4
       4426598 PREP/RL
L2           27 99614-01-4/PREP
                (99614-01-4 (L) PREP/RL)

=> s 99614-01-4/pur
           252 99614-01-4
        258809 PUR/RL
L3            0 99614-01-4/PUR
                (99614-01-4 (L) PUR/RL)

=> s 99614-01-4/proc
           252 99614-01-4
       4129969 PROC/RL
L4           15 99614-01-4/PROC
                (99614-01-4 (L) PROC/RL)

=> s l2 or l4
L5           41 L2 OR L4

=> s l5 and py<2000
      20031603 PY<2000
L6           25 L5 AND PY<2000

=> s l6 and crystal?
       1868474 CRYSTAL?
L7            0 L6 AND CRYSTAL?

=> s l6 and polymorp?
        210613 POLYMORP?
L8            0 L6 AND POLYMORP?

=> s l6 and ( hcl or hydrogen chloride)
        576522 HCL
       1000962 HYDROGEN
       1149248 CHLORIDE
         32840 HYDROGEN CHLORIDE
                (HYDROGEN(W)CHLORIDE)
L9           13 L6 AND ( HCL OR HYDROGEN CHLORIDE)

=> s l9 and ( ethanol  or ketone or xylene or isopropanol or methyl tert-butyl
ether or ether)
        274867 ETHANOL
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```
        153325 KETONE
        110476 XYLENE
         32261 ISOPROPANOL
       1014064 METHYL
        268662 TERT
        278071 BUTYL
        504528 ETHER
          3091 METHYL TERT-BUTYL ETHER
                 (METHYL(W)TERT(W)BUTYL(W)ETHER)
        504528 ETHER
L10          1 L9 AND ( ETHANOL  OR KETONE OR XYLENE OR ISOPROPANOL OR METHYL
               TERT-BUTYL ETHER OR ETHER)

=> d ibib abs hitstr

L10  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         1987:576032  CAPLUS
DOCUMENT NUMBER:          107:176032
TITLE:                    Preparation of tetrahydrocarbazolone derivatives as
                          serotonin antagonists
INVENTOR(S):              Coates, Ian Harold; Bell, James Angus; Humber, David
                          Cedric; Ewan, George Blanch
PATENT ASSIGNEE(S):       Glaxo Group Ltd., UK
SOURCE:                   Eur. Pat. Appl., 54 pp.
                          CODEN: EPXXDW
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.          DATE
     ---------------     ----   --------    ---------------------    --------
     EP 219193            A1    19870422    EP 1986-305674           19860723 <--
     EP 219193            B1    19920527
         R:  AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
     US 4725615           A     19880216    US 1986-888258           19860723 <--
     AT 76642             T     19920615    AT 1986-305674           19860723 <--
     JP 62077382          A     19870409    JP 1986-174685           19860724 <--
PRIORITY APPLN. INFO.:                       GB 1985-18743       A    19850724
                                             EP 1986-305674      A    19860723
OTHER SOURCE(S):          MARPAT 107:176032
GI
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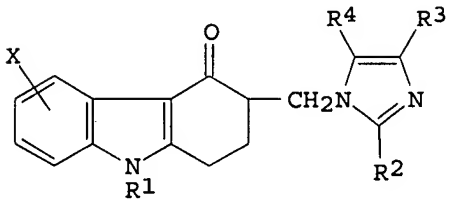



I

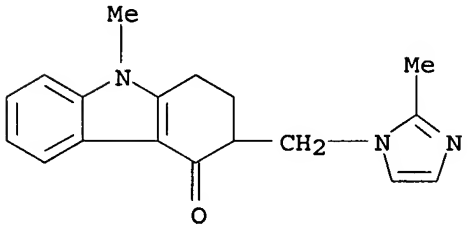
AB Tetrahydrocarbazolones I (R1 = H, C1-10 alkyl, C3-7 cycloalkyl, C3-7 cycloalkyl-C1-4-alkyl, C3-6 alkenyl, C3-10 alkynyl, Ph, phenyl-C1-3 alkyl; one of R2, R3, R4 = H, C1-6 alkyl, C3-9 cycloalkyl, C2-6 alkenyl, phenyl-C1-3-alkyl, each of the other groups = H, C1-6 alkyl; X = halo, OH, C1-4 alkoxy, phenyl-C1-3-alkoxy, C1-6 alkyl, NR5R6, CONR56; R5, R6 = H, C1-4 alkyl, C3-4 alkenyl; NR5R6 = saturate 5-7 membered ring) and their salts, potent and selective neuronal 5-hydroxytryptamine receptor antagonists and useful in the treatment of psychotic disorders (e.g. schizophrenia and mania), anxiety, pain, gastric stasis, symptoms of gastrointestinal dysfunction such as occur with dyspepsia, peptic ulcer, reflux

esophagitis, and flatulence, migraine, nausea, and vomiting (no data), were prepared by 6 methods. 4-FC6H4NHNH2.HCl reacted with 1,3-cyclohexanedione to give 3-hydroxy-2-cyclohexen-1-one (4-fluorophenyl)hydrazone which was cyclized with ZnCl2 in refluxing EtOAc to give 6-fluoro-1,2,3,9-tetrahydro-4H-carbazol-4-one. This was methylated with Me2SO4 to the 9-Me derivative, aminomethylation of which with paraformaldehyde and Me2NH.HCl gave 3-[(dimethylamino)methyl]-6-fluoro-1,2,3,9-tetrahydro-9-methyl-4H-carbazol-4-one. This reacted successively with MeI and 2-methylimidazole to give I (R1 = R2 = Me, R3 = R4 = H, X = 6-F). A formulation for injection comprised active ingredient 2.0 mg/mL, NaCl as required, and H2O for injection to 1.0 mL.

IT 99614-01-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as 5-hydroxytryptamine receptor antagonist)

RN 99614-01-4 CAPLUS

CN 4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-, hydrochloride (1:1) (CA INDEX NAME)




● HCl